

Engineering Education
Investment Fund
Performance Scorecard

Biennium 2001-2003

**COLLEGE OF ENGINEERING
OREGON STATE UNIVERSITY**

January 2003

Undergraduate Category

	AY99	AY02	AY03	AY04	AY05*
Student Credit Hours					
– Goal	52,690	54,640	55,290	55,940	56,590
– Projected/Actual	52,690	63,741	64,625	68,900	68,900
– Variance	N/A	9,101	9,335	12,960	12,310
• Graduates					
– Goal	389	467	493	519	545
– Projected/Actual	389	461	539	560	560
– Variance	N/A	(6)	46	41	15

[Projections assume no further diminished State program support.]

* Academic Year ending in June of the indicated year.

Graduate Category

AY99 AY02 AY03 AY04 AY05*

- Student Credit Hours

– Goal	12,870	14,112	14,526	14,940	15,354
– Projected/Actual	12,870	18,435	19,037	21,628	23,431
– Variance	N/A	4,323	4,511	6,688	8,077

- Degrees Awarded

– Goal	164	186	193	201	208
– Projected/Actual	164	121	176	195	215
– Variance	N/A	(65)	(17)	(6)	7

[Comment: Projections assume no further diminished State program support.]

* Academic Year ending in June of the indicated year.

Private Support FY02*

Donor	Description	Value
All gifts	Unrestricted	\$1,436,629
	Scholarship/fellowship	2,427,911
	Other restricted #	2,590,324
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	Total	\$6,454,864
	Goal	\$5,600,000
	Variance	\$854,864

*See Policy on Private Support Reporting

#Excludes \$11,000,000 building pledge payment

Private Support FY03*

Donor	Description	Value
All gifts	Unrestricted	\$295,894
	Scholarship/fellowship	367,527
	Other restricted #	2,648,198
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	Total	\$ 3,311,619
	Goal**	\$4,745,136
	Variance	-\$1,433,517

** Remaining biennium goal
after FY02 private support

Private Support Biennium 01-03*

Donor	Description	Value
All gifts	Unrestricted	\$1,732,523
	Scholarship/fellowship	2,795,438
	Other restricted	5,238,522
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	Total	\$9,766,483
	Goal	\$11,200,000
	Variance	-\$1,433,517

Fiscal Summary-- F 02

	FY02	YEAR END	
	BUDGET*	ACTUAL(1)	VARIANCE*
ETIC Investments	\$3,052,888	\$2,521,739	\$531,149
Top Tier Investments	\$1,322,468	\$341,801	\$980,667
ETIC & Top Tier	\$4,375,356	\$2,863,540	\$1,511,816
Extending Technology	\$104,798	\$12,316	\$92,482

(1) Commitments delayed pending State budget resolution

*The budget numbers have been changed to reflect the 10/18/02 OUS Board action. This changes the variance from that reported in September.

Fiscal Summary -- FY03

	FY03	YTD	YEAR-END	
	BUDGET*	ACTUAL	PROJECTION	VARIANCE
ETIC Investments	\$3,052,888	\$1,111,932	\$3,052,888	N/A
Top Tier Investments	\$1,322,468	\$165,915	\$1,322,468	N/A
ETIC & Top Tier	\$4,375,356	\$1,277,847	\$4,375,356	N/A
Extending Technology	\$94,811	\$64,665	\$ 94,811	\$60,000

* These figures reflect the actual FY03 budgets per the 10/18/02 OUS Board approval.

Other Leverage – Federal & Other Grants FY 02

Grantor	Description	Value
Environmental Protection Agency	Western Region Hazardous Substance Research Center	\$ 900,000
Dept of Energy	Testing of Passive Safety System Performance for Higher Power	\$ 865,407
High Performance Technology, Inc	An Information Environment for the High Performance Computing Modernization Program	\$ 345,041
Dept of Energy	Multi-Application Small Light Water Reactor (LWR) (Phase III)	\$ 325,000
Semiconductor Research	Silencer! A Practical & Efficient Substrate Coupling Methodology	\$ 300,000
Dept of Energy	Enhancement of Heat and Mass Transfer in Mechanically Constrained Ultra Thin Films	\$ 250,000
Dept of Energy	DOE In Situ Uranium Reduction	\$ 250,000
Georgia Institute of Technology	GIT Luminescence for Com,Display, ID	\$ 240,000
National Science Foundation	Personal Digital	\$ 229,997
NSF Personal Digital Field Guides	NSF Personal Digital Field Guides	\$ 229,641
Space and Naval Warfare Systems Command	SNWSC The SOS Cytosensor System	\$ 228,015
Environmental Protection Agency	Western Region Hazardous Substance Research Center	\$ 220,000
National Science Foundation	Upgrade Basin for Tsunami Research (CCEE)	\$ 213,196
National Science Foundation	Upgrade Basin for Tsunami Research (CS)	\$ 211,967
National Science Foundation	Upgrade Basin for Tsunami Research (CCEE)	\$ 198,727
National Science Foundation	Upgrade Basin for Tsunami Research (CS)	\$ 198,727
National Science Foundation	Some Coding Techniques for VLSI and Computer Systems	\$ 198,600
National Science Foundation	NSF Detectn of Food-Borne Pathogens	\$ 185,659
Society of Manufacturing Engineering	Multidisciplinary Curriculum for the Rapid Development of Lean Automated Manufacturing	\$ 184,970
Basic Mechanisms of Radiation Effects in Heterostructure	Basic Mechanisms of Radiation Effects in Heterostructure Devices	\$ 179,275
National Science Foundation-Engr	NSF Upgrade Basin for Tsunami Rsrch	\$ 176,274
National Science Foundation-Engr	NSF Upgrade Basin for Tsunami Rsrch	\$ 176,274
Space and Naval Warfare Systems Command	SNWSC The SOS Cytosensor System	\$ 172,010
Dept of Energy	DOE Engineered Bioremediation	\$ 164,000
Dept of Energy	Intergovernmental Personnel Agreement: Kassner	\$ 163,093
Oregon Dept of Transportation/FHWA	Remaining Life of Reinforced Concrete Beams with Shear Cracks	\$ 160,000
Oregon Dept of Transportation/NHTSA	Transportation Engrg Short Courses	\$ 157,291
Environmental Protection Agency	Technical Outreach Services for Brownsfield (TAB): Western Region Hazardous	\$ 150,000
Purdue University/NRC	Phase Separation in Tees	\$ 150,000
Secured Information Technology, Inc	High Speed Hardware and Software Methods for Elliptic Curve Cryptography	\$ 150,000
Hewlett-Packard Company	HP Portable System Development	\$ 146,614
Dept of Energy	Public Perception of Bioremediation Strategies & Long Term Stewardship at DOE Sites	\$ 143,551
University City Science Center/DOE	Industrial Assessment Center	\$ 141,900
The P3 Micro Power Generation System	The P3 Micro Power Generation System	\$ 139,499
Dept of Energy	Determination of Unknown Neutron Cross Sections for Protection of Medical Isotopes	\$ 134,481
National Science Foundation	NSF Noise Mgmt for System	\$ 134,254
Office of Naval Research	"Sensitive Nonlinear Dynamic Responses of Ocean Systems:	\$ 125,889
National Science Foundation	Divide & Conquer Methods	\$ 125,023
PHS-Centers for Disease Control	Atmospheric I-131 Dose Estimates: Comparative Uncertainties	\$ 120,782
Semiconductor Research	SRC Model	\$ 119,100
NSF Avg Reward Reinforcement Learning	NSF Avg Reward Reinforcement Learning	\$ 118,903
National Science Foundation-Education	Lab Based Unit Operations in Microelectronics Processing	\$ 116,172
Environmental Protection Agency	Western Region Hazardous Substance Research Center	\$ 111,506
	Total Show n	\$ 6,815,390
	All other projects	\$ 10,281,932
January 2003	All Projects as of 6-30-02	\$ 17,097,322

Other Leverage – Federal & Other Grants FY03

Grantor	Description	Value
Dept of Energy	Western Nuclear Science Alliance	\$1,300,000
Oregon Dept of Transportation	Deterioration Models for Shear-Cracked Reinforced Concrete Bridges (state)	\$1,281,700
Dept of Energy	Factors Controlling In Situ Bio-Reduction and Reoxidation at the NABIR (Natural and Accelerated)	\$862,456
Dept of Energy	DOE Passive Safety Sys Performance	\$481,623
National Academy of Sciences	Evaluation of Best Management Practices for Highway Runoff Control	\$299,948
Oregon Dept of Transportation	Deterioration Models for Shear-Cracked Reinforced Concrete Bridges (federal)	\$293,600
Cytec Corporation	Heat Actuated Heat Pump Development for Portable Cooling Application (Tasks 1.1, 1.2, 1.3)	\$254,852
Cytec Corporation	Heat Actuated Heat Pump Development for Portable Cooling Application (Task 3)	\$238,665
National Science Foundation-Engr	Upgrading Oregon State's Multidirectional Wave Basin for Remote Tsunami Research: Supplemental	\$211,813
Air Force	USAF Aerobic Comatabolic Systems	\$195,000
Battelle Pacific Northwest Laboratory/DOE	Heat Actuated Heat Pump Development for Soldier Cooling Applications	\$187,479
Oregon Dept of Transportation/NHTSA	Transportation Engineering Short Courses	\$157,983
Environmental Protection Agency-Envir	EPA Tech Outreach for Brownfields	\$155,000
USDA Forest Service	USDA 2nd Phase Dyn Veg Models Devp	\$131,592
Office of Naval Research	Chaotic and Random Dynamic Response of Ocean Structures: Stochastic Analysis and Control	\$131,316
National Science Foundation-Computer	NSF Divide and Conquer Methods	\$130,176
Semiconductor Research Corp.	SRC Model Generation for CMOS RFT	\$119,000
Oregon Dept of Transportation/FTA	Evaluation of ODOT Project/Delivery System	\$113,227
Dept of Energy	IPA Assignment: Dr. Michael Kassner	\$108,291
Massachusetts Institute of Technology	MIT Statistical Learning Technologies	\$102,989
Stanford University	SU Harmonic Balance Algorithms/Model	\$101,796
Airforce	Nanocommunicator:	\$100,000
National Science Foundation-Engr	NIRT: NER: Biosynthesis of Germanium Oxide Nanoparticles	\$100,000
Space and Naval Warfare Systems Command	SNWSC Test & Dev SOS Cytosensor Sys	\$100,000
National Science Foundation-Engr	Reforming Undergraduate Engineering Education Using an Integrated Platform for Learning	\$100,000
	Total Shown	\$7,258,506
	All other projects	\$2,782,653
	All Projects as of 12/31/02	\$10,041,159